

18th, 6 o'clock, A. M.—Has rested very well since 12 o'clock. System appears to be re-acting; pulse remains small and frequent; complains of some soreness but no pain; yet the abdomen is quite tender to the touch, and is somewhat distended. Directed fomentations to be applied to the abdomen, and a cathartic mixture. 6 o'clock, P. M. Abdomen greatly distended, and extremely painful, exquisitely so on pressure; pulse frequent and tense; skin dry and hot, cathartic has not operated. Ordered, v. s. $\frac{3}{2}$ xvij. cathartic medicine to be repeated, and its operation solicited by an occasional enema—fomentations continued.

19th. Passed a very restless night, bowels freely opened this morning, since which the pain and distention of the abdomen very much diminished; pulse less frequent, yet somewhat tense. Ordered, venesection, $\frac{3}{2}$ xij.—nitro-antimon. pulv. every two hours.

20th. Is much better—no pain, and very little tenderness on pressure; pulse soft; skin cool; countenance lively and cheerful.

21st, et seq. She is still improving, thinks herself able, if permitted, to sit up and have her bed adjusted. Rest, and a low diet were enjoined, and persevered in for several days; her convalescence was rapid and uninterrupted; four weeks after the accident, she was able to attend to her domestic affairs; complains of no particular uneasiness, except the inconvenience resulting from a urinary fistula.

January 20th, 1830. Enjoys at present, remarkably good health; has menstruated regularly since August. In July an apparatus was procured, for the purpose of obviating the inconvenience arising from the fistulous opening in the bladder: it has been worn till within the last few weeks, and has effected a radical cure.

Hilltown, Bucks County, Penn. March 1st, 1830.

ART. X. *Meteorological Observations, made in the City of Philadelphia, Latitude 39° 57', and on the Island of Tinicum, eleven miles south-west from Philadelphia, Latitude 39° 48', for the year 1827.* By GEORGE F. LEHMAN, M. D. Lazaretto Physician of the Port of Philadelphia.

(Continued from No. XI. page 138.)

THE observations were made in the city, for the months of November, December, January, February, March, April, and May, and the seventeen last days of October.

AUGUST, 1827.

DAYS.	FAHREN. THERMOM.		WINDS.	WEATHER.
	10 A. M.	10 P. M.		
1	80	79	S. W. fresh.	Clear.
2	82	79	S. W. fresh.	Clear. Cloudy. Drizzle.
3	83	79	S. W., S. E.	Clear.
4	85	83	S. W.	Clear. Cloudy. Drizzle.
5	86	84	N. E., S. W.	Clear. Thermom. 92° at 3 P. M.
6	90	83	S. W.	Clear. Thermom. 94° at 12 M. in the shade; 128° exposed to the sun.
7	78	76	N. fresh, S. E.	Clear.
8	79	75	S. E., N. W.	Clear.
9	80	78	N.W., S.W. variable	Clear.
10	82	78	S. W., S. fresh.	Clear.
11	84	75	S. W., N. W.	Clear. Cloudy. Rain. Fine shower at night, with thunder and lightning.
12	75	72	W., N. W.	Cloudy. Moderate rain. Clear.
13	73	68	N. W. fresh.	Clear.
14	70	76	N. W., S. W.	Clear. Thermom. 58° at daylight. Aurora borealis at night.
15	77	70	N. E., S. E. fresh.	Overcast. Distant thunder and lightning. Drizzle at night.
16	73	76	S. E., S. W.	Cloudy. Large rain P. M. with very vivid lightning, and tremendous peals of thunder.
17	65	68	N. E.	Cloudy. Drizzly.
18	66	68	N. E.	Cloudy.
19	70	71	N. E., N.	Overcast. Hazy.
20	74	77	N. E., S.	Overcast. Clear.
21	80	68	N. W., N.	Clear.
22	70	65	N. W.	Clear. Thermom. 59° at sunrise.
23	73	68	N. E., S. E.	Clear.
24	71	66	N. E., S. E.	Flying clouds. Clear. Thermom. 61° at sunrise.
25	68	65	N. E. fresh.	Cloudy. A gale from N. E. at night with rain. Thermom. 61° at sunrise.
26	66	70	N. E. a gale, S. E.	Cloudy. Hard rain all day and night.
27	68	64	S. W., N. E., N.	Cloudy. Rain A. M. Clear. Wind very fresh from the N.
28	70	63	N. W.	Clear.
29	67	67	N. W., S. W.	Clear. Thermom. 56° at daylight.
30	68	68	N. E., S. E.	Hazy. Clear.
31	71	72	S., S. W.	Clear. A very dense fog A. M.

Total rain during the month - - - - - 6.04 inches.

Mean temperature - - - - - 73.53° Fahr.

Decrease of heat from last month - - - - - 0.81°

Maximum - - - - - 90°

Minimum - - - - - 63°

Range of thermometer - - - - - 27°

Hottest day, 6th.—Coldest days, 17th and 28th.

Boston, Mass. August 2d.—The thermometer was at 96° in the shade.

New Orleans, Louisiana, August 4th.—The Mississippi river has risen five inches, and is two feet ten inches lower than at this time last year. The weather is warm and dry.

Newark, N. J. August 7th.—The weather has been excessively warm for the last three days; the thermometer rising part of the time as high as ninety-three to ninety-six degrees.

Norristown, Montgomery County, Penn. August 8th.—Our corn, potatoes, grass, and vegetation is completely parched up, and the cattle are suffering for want of grass and water. Many springs have dried up.

Portsmouth, N. H. August 9th.—The mercury stands at ninety-seven degrees in the shade. A slight shock of an earthquake was felt in this town about seven o'clock last evening.

New Albany, Indiana, August 11th.—Another shock of an earthquake was felt about midnight. It lasted a minute, and was so sensibly felt that the inhabitants were wakened from their slumbers.

Trenton, N. J. August 11th.—We were relieved from the drought experienced in this part of the state for three weeks past, by a fine shower of rain. The spring and mill streams had been very low.

Washington, Geo. August 16th.—A general and mortal fever prevails in this place and surrounding country. In many families there is not one left untouched by disease to administer to another.

New Orleans, Louisiana, August 18th.—The Mississippi is now six feet seven inches below high water mark; with the exception of a few showers the weather has been dry and warm.

August 25th.—An earthquake was felt at Stonington, Connecticut, and at Westerly Norwich, and New London, about half past nine o'clock, just previous to the commencement of the north-east storm.

Philadelphia, Penn. August 28th.—The aurora borealis was visible from nine to eleven o'clock, P. M.

Montreal, August 29th.—For some nights past an uncommon brightness has been visible in the heavens, extending in the form of an arch from east to west, and touching the horizon at either extremity. About ten o'clock it was most visible, and sometimes seemed to emit clear particles of light, which took a direction to the earth, and were similar to very vivid lightning.

The different papers from all parts of the country, continue to be full of descriptions of the luminous appearances lately seen in the heavens.

The malignant fever prevails in Charleston, S. C. New Orleans, Louisiana, and Savannah, Georgia.

Severe and dreadful gales of wind occurred from the middle to the latter end of this month, along the Atlantic coast, and in the West Indies. At St. Bartholomews, Gaudaloupe, Martinique, Antigua, St. Kitts, St. Croix, Porto Rico, and St. Domingo, most of the vessels in port were driven ashore, some wrecked, and great injury done to the plantations.

The storm raged along the coast of North Carolina. Washington and Newbern, N. C. were partly inundated. At Washington the tide rose fifteen feet above ordinary tides. A number of families were taken from their dwellings in boats. At Newbern the destruction of property was very great. Houses were blown down. The gale was severely felt in New York and Baltimore. The wind was mostly from north-east, with heavy rains.

SEPTEMBER, 1827.

DAYS.	FAHREN. THERMOM.		WINDS.	WEATHER.
	M.	M.		
	10	10		
1	75	72	N. W., S. W.	Clear.
2	74	72	S. E., S. W.	Clear. Dense fogs in the morning.
3	78	72	N. E., S. E.	Clear.
4	76	68	N. E., N.	Clear.
5	70	64	N. E.	Clear.
6	69	71	N. W., N.	Clear. Hazy. Thermom. 59° at sunrise.
7	66	61	N. E. fresh.	Cloudy. Clear.
8	62	59	N. E. fresh, N.	Cloudy. Clear. Thermom. 58° at sunrise.
9	65	58	N., N. E.	Clear.
10	68	67	N. W., S. W.	Clear. Thermom. 54° at sunrise.
11	73	69	S. W., W.	Clear.
12	66	58	N. W. fresh.	Clear.
13	66	68	S. W. fresh.	Clear. Thermom. 51° at sunrise, and a dense fog.
14	74	75	S. W. fresh.	Hazy. Clear. Cloudy.
15	77	71	S. W. fresh, N. W.	Clear.
16	68	65	N. W. fresh.	Clear.
17	65	62	N., S. W.	Clear. Thermom. 54° at sunrise.
18	63	66	S. E. fresh, S.	Cloudy. Rain all day. Clear.
19	62	57	N. W. fresh.	Overcast. Flying clouds.
20	62	64	N. W.	Cloudy.
21	64	62	N. W.	Flying clouds.
22	63	58	N. W.	Cloudy. Rain at night.
23	61	58	N. W. fresh.	Cloudy.
24	59	59	N. W.	Clear. Thermom. 52° at daylight.
25	62	65	S. W. fresh.	Hazy. Clear. Thermom. 52° at sunrise.
26	65	54	N. W. very fresh.	Overcast. Flying clouds.
27	58	54	N. W.	Clear. Thermom. 48° at sunrise.
28	59	58	N. E. fresh.	Clear. Overcast. Thermom. 49° at sunrise.
29	58	56	N. fresh.	Hazy. Clear.
30	61	60	N. W., N. E.	Clear. Cloudy.
Total rain during the month				
- - - - -				
1.07 inches.				
Mean temperature				
- - - - -				
64.52° Fahr.				
Decrease of heat from last month				
- - - - -				
9.01°				
Maximum				
- - - - -				
78°				
Minimum				
- - - - -				
54°				
Range of thermometer				
- - - - -				
24°				

Hottest day, 3d.—Coldest day, 27th.

Lagуira, September 2d.—A very severe shock of an earthquake was felt here, and at Caraccas.

Augusta, Geo. Sept. 3d.—Our river is lower than it has been within the memory of any of the witnesses of its present state. The sand bars are naked in some places, for nearly half a mile in length.

Georgetown, S. C. Sept. 8th.—A pretty severe gale commenced here on Friday last. Great injury was done to the cotton, rice and corn. Many fences and trees were blown down.

Boston, Mass. Sept. 8th.—Another brilliant aurora borealis was visible. The moon was unclouded, but her rays were not bright enough to prevent those of the northern light from being quite distinct.

Wilmington, Delaware, Sept. 9th.—The aurora borealis appeared in the northern heavens.

Augusta, Geo. Sept. 12th.—The Savannah river is now so low as to have been forded, a few days since, above the bridge by two boys.

Canandaigua, N. Y. Sept. 27th.—The season in this and some of the adjacent counties has been uncommonly dry.

New Orleans, Louisiana, Sept. 13th.—The Mississippi is falling slowly, and is ten feet five inches below high water mark. The weather is dry, cool, and pleasant.

Quebec, September 17th.—There was frost during last week sufficient to change the colour of the forest leaves, and destroy the potatoe stalks.

Providence, R. I. Sept. 22d.—During the last week the wind blew from the north-east, accompanied with as great a fall of rain as we have ever known within the same period. The streams in the vicinity are very high.

Greensburg, Penn. Sept. 23d.—At night a smart frost was experienced here.

Charleston, S. C. Sept. 24th.—The weather for the week past has been of the most agreeable temperature—neither too hot, nor too cold.

Richmond, Virginia, Sept. 27th.—The weather has been very dry for three or four weeks. James' river is lower than it has been for many years, and many of the mills upon it are suspended or retarded in their operations.

Georgetown, S. C. Sept. 14th.—The crops on Black river have suffered severely from the late heavy rains; the six mile bridge has been carried away. The weather continues remarkably cool for the season.

September 27th.—In consequence of a long continuance of dry weather, the crops of cotton in North Alabama and Tennessee have been in part destroyed.

OCTOBER, 1827.

DAYS.	FAHREN. THERMOM.		WINDS.	WEATHER.
	10 A. M.	10 P. M.		
1	63	62	N. E.	Overcast.
2	64	60	N. E.	Cloudy. Small rain at night.
3	64	62	S. W.	Cloudy. Drizzly. Thunder and lightning, P. M.
4	66	61	N. fresh.	Clear.
5	64	65	S. W.	Clear. Hazy.
6	62	54	N. W. fresh.	Clear. Shower at daylight.
7	55	48	N. W.	Clear. Thermom. 44° at daylight—white frost.
8	48	50	N. W.	Clear.
9	62	64	S. E.	Cloudy. Hard rain at night, with a gale from N. E.
10	60	51	N. W.	Cloudy. Rain. Clear.
11	54	52	N. E.	Clear. Cloudy. Frost at daylight.
12	56	54	N. E.	Cloudy. Rain at night.
13	57	54	N., N. W.	Overcast. Clear.
14	58	56	N. E.	Cloudy. Large rain.
15	60	62	S. W.	Clear. Cloudy. Rain.
16	52	50	N. W.	Clear.
17	45	50	S. W.	Clear.
18	45	52	S. W.	Clear.
19	56	55	S. W.	Clear.
20	58	60	S. W.	Clear.
21	63	62	S. W.	Clear. Cloudy.
22	60	60	N. E.	Cloudy. Rain.
23	63	60	S. W. fresh.	Clear.
24	60	59	N. W.	Clear.
25	52	49	N. W.	Clear.
26	50	50	N. W.	Clear. Cloudy. Sprinkle of hail.
27	48	47	N. W.	Clear.
28	59	57	S. W.	Hazy.
29	58	60	S. W.	Clear.
30	68	50	S. W.	Hazy. Rain at night.
31	49	50	N. W.	Clear.

Total rain during the month - - - - - 6.25 inches.

Mean temperature - - - - - 56.33° Fahr.

Decrease of heat from last month - - - - - 8.19°

Maximum - - - - - 68°

Minimum - - - - - 45°

Range of thermometer - - - - - 23°

Hottest day, 30th.—Coldest day, 17th.

Easton, Penn.—October 9th.—During a thunder storm in the evening, the Episcopal church in this borough was struck by lightning.

Providence, R. I. October 10th.—More rain has fallen by 15 per cent. this year, than has fallen for the last forty years.

Mobile, Alabama, October 13th.—From the 7th of September until the 9th of October, not a drop of rain fell, and vegetation was almost entirely suspended. We then had a fine shower, the weather turned cool, and on the 10th at night there was a slight frost.

Vermont, October 16th.—Snow has already fallen to the depth of a foot upon the White Mountains.

Quebec, October 18th.—The wind blew strong from the northward after the rain of the 15th, and several times in the day snow fell. At night it froze pretty hard. Early the next morning the hills to the north of the city were covered with snow. On the 17th at night the snow fell sufficient to cover most of the country around.

Wilksbarre, Penn. October 19th.—There has been much rain during the last few days, which has caused a rise in the Susquehanna.

Greensburg, Penn. October 22d.—Several flocks of wild geese flew over the town, and on the 24th we had a hail storm, preceded by cold northern winds.

Savannah, Geo. October 23d.—The weather is cool and pleasant, and strangers have little to fear in visiting the city.

New York, October 25th.—About 2 o'clock the wind suddenly shifted from west to north-west, which blew tremendously hard, accompanied with a light fall of hail. A heavy fall of snow happened between Staten Island and the city.

Washington City, D. C. October 26th.—We had a very slight fall of snow.

Richmond, Virginia, October 30th.—This is a late autumnal season. The leaves have hung longer on the trees, and have changed the colour of their foliage less than usual. The tomatoes are very little injured; and the cotton plant was still in the bloom.

St. Augustine, Florida, October 31st.—The crops of oranges are very abundant this season.

NOVEMBER, 1827.

DAYS.	FAHREN. THERMOM.			WINDS.	WEATHER.
	M.	M.	10 P.		
10	10	10			
1	49	48		N. W.	Clear.
2	50	49		S. E.	Clear.
3	56	60		S. W.	Cloudy.
4	58	59		S. W.	Cloudy. Small rain. Clear.
5	57	49		N. W.	Clear.
6	50	52		N. E.	Clear. Cloudy. Large rain.
7	54	46		N. N. W.	Cloudy. Rain.
8	54	52		S. W., N. W.	Cloudy. Clear.
9	56	54		N. W.	Clear.
10	54	50		S. W.	Clear.
11	40	46		N. E.	Cloudy.
12	54	60		S. E.	Overcast.
13	49	48		N. W.	Cloudy. Rain. Clear.
14	46	40		N. W. very fresh.	Clear.
15	42	44		N. W.	Clear. Overcast.
16	41	44		N. W.	Clear.
17	43	48		S. W.	Clear.
18	44	43		N. W.	Clear.
19	40	41		N. W.	Cloudy. Clear.
20	40	39		N. W.	Clear.
21	40	37		N. W.	Clear.
22	36	35		W., S. W.	Overcast. Clear.
23	34	33		S. W.	Clear.
24	36	36		S. W.	Clear.
25	40	41		W.	Clear. Overcast.
26	35	34		N. W.	Clear.
27	39	38		N. W.	Clear.
28	38	38		N. W.	Clear.
29	45	46		S. W.	Cloudy. Rain all day.
30	56	50		S. W.	Cloudy. Rain.

Total rain during the month - - - - - 4.10 inches.

Mean temperature - - - - - 45.36 Fahr.

Decrease of heat from last month - - - - - 10.97°

Maximum - - - - - 60°

Minimum - - - - - 33°

Range of thermometer - - - - - 27°

Hottest day, 3d.—Coldest day, 23d.

St. Louis, Missouri, November 1st.—We were unexpectedly visited on Monday evening with a fall of snow. During the night it became cold, and ice of considerable thickness was formed. These indications of winter are unusually early.

Chester, Penn. November 6th.—Wild game, (pheasants and partridges,) were never more abundant in our neighbourhood than they are at present.

Albany, New York, Nov. 7th.—Snow began to fall at sunrise, and continued all day, when it was six inches deep.

Hartford, Connecticut, Nov. 8th.—In the night a severe snow storm commenced from the north, and left us about a foot of snow on the level. So great and early a fall of snow is not within the recollection of our oldest citizens. The mail coach from Litchfield to this city was actually stopped by the heavy drifts of snow.

Otsego County, New York, Nov. 10th.—The country generally is covered with snow, and the sleighing good.

New Haven, Connecticut, Nov. 13th.—The north-west storm at night was very severe, and at sea, and along the coast, many lives and much property have been lost.

Boston, Mass. Nov. 14th.—It commenced raining in the morning of the 13th, and continued with great violence till some time in the night. The wind is strong from north-west, and the snow several inches deep.

Washington City, D. C. Nov. 18th.—About twelve o'clock a steady fall of snow commenced, and continued all the afternoon.

Petersburg, Virginia, Nov. 18th.—A considerable fall of snow occurred in the evening, and ice formed in the shade for several days past.

Kingston, New York, Nov. 21st.—We never before experienced such extreme cold weather, so early in the autumn. Some of our farmers have not been enabled to gather and house their corn, potatoes, apples, turnips, pumpkins, &c. until they were covered with snow and frost.

Charleston, S. C. Nov. 21st.—For several weeks past the weather has been dry and warm. On the night of the 19th, the wind changed to the north, and became quite cool. On the morning of the 20th we had a white frost, and in the evening a slight fall of rain and hail.

Washington City, D. C. Nov. 23d.—We have winter here thus early. The ice in the Tiber is an inch thick, and the Potomac is frozen nearly, or quite out to the channel.

Albany, New York, Nov. 23d.—The canal is now closed with ice between this city and Utica. It was navigable the last year until the 9th of December.

Warren, Penn. Nov. 25th.—The snow in this place is about one foot deep.

Harrisburg, Penn. Nov. 26th.—Winter has come upon us with great severity. Much snow has fallen to the north.

New Brunswick, N. J. Nov. 28th.—We are experiencing the coldness and inclemency of mid-winter.

DECEMBER.

Kennebeck, Maine, December 5th.—As the sun rose over a dark cloud, that stretched along the eastern horizon, two splendidly luminous spots, on each side of the sun, and at a distance of fifteen to twenty degrees from it were seen. Their form was that of a short segment of a circle.

Quebec, December 14th.—The thermometer fell to zero this morning. Snow has fallen several times during the last eight days.

Flemington, New Jersey, December 15th.—A perfect and beautiful rainbow was formed between seven and eight o'clock. The weather has been wet this month, and the rivers and brooks are high.

Albany, New York, December 17th.—At night the snow fell six inches deep.

DECEMBER, 1827.

DAYS.	FAHREN. THERMOM.		WINDS.	WEATHER.
	10 A. M.	10 P. M.		
1	38	44	S. W.	Clear. Overcast.
2	46	46	S. W.	Clear.
3	45	44	S. W.	Clear.
4	45	50	S. W.	Hazy.
5	50	49	W.	Cloudy. Rain.
6	47	46	E.	Cloudy. Rain.
7	52	49	S. W.	Cloudy. Rain.
8	42	48	N. E.	Cloudy. Rain.
9	52	58	S. W.	Cloudy. Heavy fog.
10	58	57	S. W.	Cloudy. Rain.
11	42	39	W.	Cloudy. Clear.
12	39	38	S. W.	Clear.
13	38	44	N.	Clear.
14	42	50	S. W.	Hazy. Foggy.
15	54	52	S. W.	Cloudy.
16	44	41	N. E.	Cloudy. Rain.
17	42	42	N. E.	Cloudy. Rain.
18	43	42	N. E.	Cloudy. Rain.
19	42	40	N. W.	Cloudy. Clear.
20	39	39	W.	Cloudy.
21	40	39	N. W.	Flying clouds.
22	36	33	E.	Cloudy. Sprinkle of snow. Clear.
23	32	30	N. E.	Clear. Cloudy.
24	36	33	N. E.	Cloudy.
25	38	41	S. W.	Cloudy.
26	43	34	N. W.	Clear.
27	34	33	N. E.	Cloudy. Sleet all day.
28	42	41	S. W., N. W.	Clear.
29	42	40	N. E.	Cloudy.
30	34	40	S. W.	Clear. Cloudy.
31	38	38	S. W.	Clear.

Total rain during the month - - - - - 3.62 inches.

Mean temperature - - - - - 42.31° Fahr.

Decrease of heat from last month - - - - - 3.05°

Maximum - - - - - 58°

Minimum - - - - - 30°

Range of thermometer - - - - - 28°

Hottest day, 10th.—Coldest day, 23d.

Pottsville, Penn. December 1st.—For a few days past we have had heavy rains accompanied with hail, and a great rise in the Schuylkill.

Buffalo, December 4th.—A violent storm of wind and snow set in at night which lasted twenty hours. Snow fell to the depth of eight or ten inches on a level.

Result of all the Meteorological Observations made in the City of Philadelphia and on Tinicum Island in the year 1827.

Month.	'THERMOMETER.				Prevailing Weather of each Month.			
	Max. temperature F. & C.	Min. temperature F. & C.	Range of thermometer	Hotter days.	Coldest days.	Winds.	Prevailing weather.	
January	29.6°	44°	11°	33°	28th.	18th, 20th.	2 70-100	N. W., S. W.
Feb.	38.45	54	20	34	21st, 28th.	11th.	3 60-100	Cloudy, cold, and moderately wet.
March	45.61	62	35	27	27th.	4th, 14th.	1 36-100	Cloudy, cold, and dry.
April	56.51	68	43	25	11th, 12th.	1st.	1 19	Fair, cool, and dry.
May	61.48	78	46	32	26th, 27th.	1st.	2 40-100	Cloudy, wet, and unpleasant.
						22, 9	3 40-100	Very fair, and moderate in rain and temperature.
June	68.20	78	58	20	16th.	3d.	12	2 70-100
July	74.34	86	65	21	3d.	24th.	11	S. W., N. W.
August	73.53	90	63	27	6th.	17th, 28th.	3 08-100	Moderate and fair.
Sept.	64.52	78	54	24	3d.	27th.	12	Fair, agreeable, and moderate.
October	56.33	68	45	23	30th.	17th.	10	6 04-100
Nov.	45.36	60	33	20	3d.	20th.	1 07-100	Fair, moderate, and very moist.
Dec.	42.31	58	30	28	10th.	23d.	19	6 25-100
						11	4 10-100	Very dry, fair, and pleasant.
						23d.	10	N. W., S. W.
						21	3 62-100	Fair, very moist, and cool.
								Cloudy, cool, and wet.

Prevailing winds of the year, S. W., N. W.—Total rain of the year, 39 82-100 inches.

Number of fair days, 199.—Number of cloudy days, 166.—Hottest month, July.—Coldest month, January.—The mercury was the highest, August 6th, 90°—lowest, January 16th, 11°.

Thunder and lightning occurred in February, 34°.—The mean temperature of the year, 54.64°.

The crops of wheat and rye, and indeed all other vegetable productions throughout Pennsylvania, have this year been uncommonly productive. The grain is large and full, and nearly all must have been housed, without sustaining any damage from the weather. Indian corn is perhaps an exception to this general remark. In some counties it suffered much from the heat and drought, but the farmers almost every where rejoice in the midst of a bountiful harvest.

It may be recorded as rather singular, that the winds this year blew from the N. W. in 154 days, as follows:—In January, 16 days—February, 14—March, 18—April, 12—May, 12—June, 11—July, 16—August, 10—September, 15—October, 10—November, 16—and December, 4, days.